

CLAIMS

1. A method for processing a signal containing regular or quasi-regular elements of unwanted signal, the method comprising the steps of:
 - 5 (i) establishing timing characteristics of the unwanted signal elements in a portion of said signal;
 - (ii) generating a time domain window function using said established timing characteristics; and
 - (iii) applying the generated window function to said signal portion to
10 selectively reduce the amplitude of said unwanted signal elements relative to other elements of said signal.
2. A method according to Claim 1, wherein said time domain window
15 function is a sinusoidal function.
3. A method according to Claim 1 or Claim 2, further comprising the steps of:
 - (iv) applying a Fourier transform to the signal output from step (iii); and
 - (v) applying an algorithm to restore the shape of peaks in the transformed
20 signal to an approximation of their form in the absence of said unwanted signal elements.
4. A method according to Claim 2, wherein said sinusoidal window function
25 is arranged to have a zero crossing substantially coinciding with the position of each unwanted signal element established at step (ii).